

## Product Information

### Streptavidin-modified targeted liposomes

**Cat. No.:** X26-05-ZQ2555

**Size:** 100 mg; 250 mg; 500 mg; 1 g; 5 g

**Synonym:** Streptavidin-modified targeted LPs; Streptavidin-targeted liposomes; Streptavidin-functionalized targeted liposomes

**This product is for research use only and is not intended for diagnostic use.**

#### Product Information

<b>Description</b>	This advanced engineered system features streptavidin functionalized liposomes. The structural framework consists of a high-purity phospholipid-cholesterol bilayer shell whose exterior boundary is surface-modified with macromolecular streptavidin proteins linked <i>via</i> covalent polymer-lipid anchors. This precise macromolecular surface modification establishes a dense hydrophilic steric brush layer that alters overall membrane elasticity and surface charge topography, introducing a uniform protein-coated reference matrix optimized for high-affinity biotin binding that completely prevents physical vesicle aggregation.
<b>Source</b>	Custom synthesis
<b>Functional Group</b>	Streptavidin
<b>Form</b>	Solid or powder
<b>Purity</b>	≥95%
<b>Impurities</b>	No visible impurities to the naked eye.
<b>Identity</b>	HPLC/MS/NMR
<b>Stability</b>	This product is stable for one year when stored at the recommended temperature in lyophilized powder.
<b>Quality Level</b>	Research grade
<b>Storage</b>	Store at -20°C.